

ID	Watershed	Proponent	Contact	Contact e-mail	Phone	Extension	Project Name	Project Timeframe	Estimated Cost	Project Description
1	Santa Clara River	The Nature Conservancy	E.J. Remson	eremson@tnc.org	(626) 403-9755		Santa Clara River Conservation Program	Ongoing	Varies by project	The project includes acquisition, restoration and creation of aquatic, riparian and other important habitats in the Santa Clara River watershed. The Nature Conservancy has been implementing this project since 2000 and has protected nearly 3,000 acres (~13 river miles) of habitat in the watershed. We are also actively restoring hundreds of acres river habitat on properties we currently own.

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9	Santa Clara River	City of Ventura, Ventura Water	Dan Pfeifer, Wastewater Utility Manager	dpfeifer@venturawater.net	(805) 677-4131		Tertiary Treated Flow Diversion Infrastructure Project	15 years	Varies by project stage	This project would divert effluent flow from the Santa Clara River Estuary to other preferred reclamation uses. The project would extend the City's current reclaimed water distribution system and construct wetlands to potentially reduce nitrate concentrations.

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14	Santa Clara River	City of Santa Clarita	Heather Merenda	hmerenda@santa-clarita.com	(661) 286-4098		City Facility Parking Lot Low Impact Development Facelift	12-16 months per phase	Varies by phase	<p>This project seeks to demonstrate some of the parking lot low impact development concepts at a parking lot at a City facility. Due to the significant number of pollutants of concern, heavy traffic patterns, and space limitations in retrofitting parking lots, these efforts are often avoided as much as possible. This project would demonstrate how retrofitting the parking lot could increase the aesthetics of a property in addition to treating urban runoff that typically flows from these properties. There are three distinct project phases that this project would entail, which would likely take 12 - 16 months each. However, if multiple sources of funding were available concurrently, the project timeline could be blended.</p> <p>Phase 1 - 5,000 square feet Porous Concrete - \$120,000 Phase 2 - 5.000 square feet Permeable Pavers - \$145,000 Phase 3 - Infiltration Planters and Post Infiltration Treatment - \$88,500</p>

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15	Santa Clara River	City of Santa Clarita	Heather Merenda	hmerenda@santa-clarita.com	(661) 286-4098		Santa Clara River Tamarisk and Other Invasive Plant Removal	6-12 months per phase	Varies by phase	<p>This proposed project is removing invasive plants, such as tamarisk, tree tobacco, yellow star thistle, castor bean, and other invasive plants from the Santa Clara River. The City owns 297 acres of Santa Clara River land. Previous restoration efforts divided the river in six distinct areas, Areas A through Area F. These areas are part of the Site Specific Implementation Plan. This includes removal of arundo, tamarisk, and other incidental invasive species on a highly visible 297-acre reach (all City-owned property) of the Upper Santa Clara River and the lower reaches of two major tributaries just above the confluence of San Francisquito Creek and the South Fork of the Santa Clara River. This project is a first cut. Maintenance of the cuts would</p> <p>cost \$10,000 - \$30,000 per area, annually for approximately five years. This type of work is generally completed between August and October of any given year, so the project and permitting could take anywhere from six to twelve months depending on timing. Distinct phases are: Area A, \$75,000; Area B \$75,000; Area C \$150,000; Area D \$75,000; Area E \$75,000 and Area F \$75,000.</p>

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16	Santa Clara River	City of Santa Clarita	Heather Merenda	hmerenda@santa-clarita.com	(661) 286-4098		Bouquet Canyon Creek Restoration/Erosion Control	18 months (depending on when funding is received)	\$275,000	Three acres of City owned Bouquet Canyon Creek property is in desperate need of restoration. Concrete lined above and below, heavy flows during rain events are severely eroding the creek bank. This is creating a hugely accelerated erosion problem, creating sediment pollution. The bank has mature trees with exposed root systems that will eventually collapse. The bank undercutting will eventually reach a sewer line over time. The City seeks to expand some of the area for inundataion and use bioengineering techniques to help prevent the further undercutting of erosion. The City expects the restoration and bioengineering design, permitting, and restoration work to cost \$275,000. The expected timeline would be 18 months to completion, depending on when the funding was received. For example, this work would need to be completed in the August - October timeline. Design work may be completed and need to wait for appropriate field conditions (outside rainy season and most nesting) to initiate the project.

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33	Santa Clara River	Ventura County Resource Conservation District	Marty Melvin, Executive Officer	marty.melvin@vcrcd.org	(805) 386-4489	108	Central Ditch-Dole Property McGrath Lake BMP project	2 years	\$125,000	Agricultural runoff flows into the Central Ditch which feeds directly into McGrath Lake, near the mouth of the Santa Clara River. Improving upstream water quality will help with concerns about legacy pesticides and algal growth in the lake. We are proposing the following technologies in and adjacent to the Central Ditch: further nutrient management, irrigation management technologies, vegetated ditch/channel to absorb nitrates and reduce sediment load, hedgerows, recapture and recycling of tile drain water, headwalls at roads to reduce the amount of soil from sloughing off of the banks into the ditch. Estimated cost is \$125,000 for materials and VCRCD technical assistance. The landowner/tenant would furnish additional labor and irrigation costs. The milestones and estimated timeframe include: Month 3—install tile drain recirculation system into sediment basins; Month 6--obtain specialty seed and liners (recommended by NRCS); Month 9--shape & install headwalls, Month 12-- install temporary irrigation for vegetating banks, hydro seed banks, install 2nd tile drain recirculation system into tank; and at Year 2--establish vegetation. Water quality is already being monitored by the Water Board at the upstream end of the Lake. Monitoring data should confirm the efficacy of this project. Additionally, the project could be used as a demonstration site for educational tours.